DAA Project

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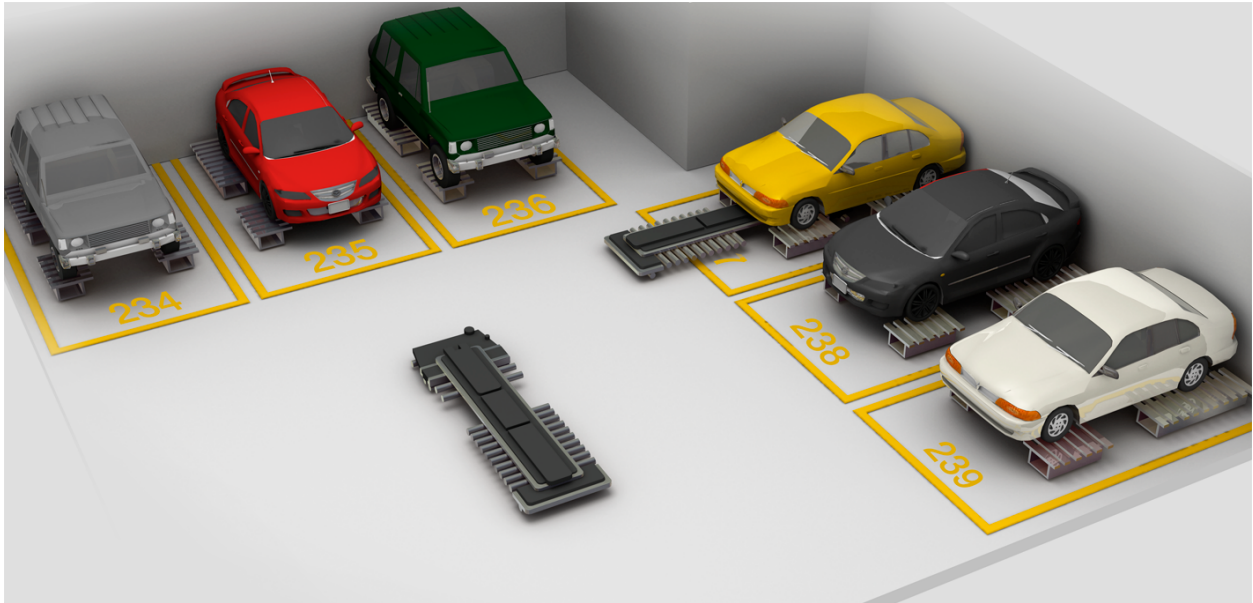# Project Description

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Project Overview

This project emphasizes on a smart parking system

Description

A simple coding and design pattern has been used to automate the browsing through the parking lots, checking out empty spots, finding out whether it is available for advance booking, etc and fare.

Features

- Login Register: Users and parking lot owners can register into the portal and will be allowed to browse through the list of places-> parking lots-> parking spots

- Current Booking: Users can check out the availability of empty spots currently and book the spot immediately.

- Future Booking: If a user needs an advance booking, he can do so by booking the car/bike from a fixed time to a fixed time.

- Fare calculation: The fare is automatically calculated as per the time booked and per hour charge and is generated at the time of leaving.

We have induced an API interaction with Google pay as an payment platform.